



TRANSPORTATION CORPS UPDATE

The US Army Transportation Corps At War - Transforming, Trained, & Ready

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20 FEB 08

Spearhead of Logistics



Transportation Corps Mission



The Transportation Corps provides a *full Spectrum* of transportation capabilities at the *tactical*, *operational*, and *strategic* levels of war, enabling a CONUS-based and forward-deployed Army to *rapidly deploy, distribute, maneuver, and sustain forces, equipment, and materiel* anytime, anywhere in support of the National Military Strategy.

Spearhead of Logistics!



Transportation Corps Vision



The Transportation Corps is transforming with the Army. Our focus is to *move critical resources rapidly, under positive control, through an integrated, transportation-based global distribution system* from the source to the Combatant Commander. The Transportation Corps *leverages emerging technologies* and thrives on the digitized battlefield. We provide *movement control and in-transit visibility* and guide delivery to deployed forces in a dynamic, nonlinear battlefield in accordance with the Chief of Staff of the Army's goals. Our Soldiers and Civilians are the key to movement and distribution. **We are the Transportation Corps; The Spearhead of Logistics.**

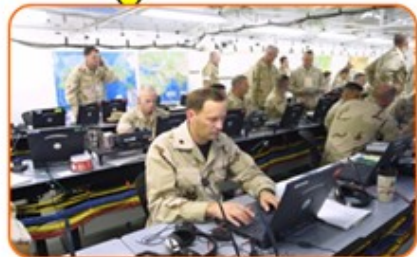
"Nothing Happens Until Something Moves!"

Spearhead of Logistics!



Transportation Corps Core Competencies:

Postured to Meet the Challenges of Today and Tomorrow



**Strategic Deployment/
Distribution Ops/C2**



**Movement Control
Operations**



**Terminal Opns
at Air/Seaports**

**Strategic Challenges to
National Security:**



**Motor Transport
Operations**



**Watercraft Transport
Operations**



**Rail Transport
Operations**

**Irregular Challenges
Traditional Challenges
Catastrophic Challenges
Disruptive Challenges**

*Provide a full-range of Transportation
capabilities to deploy, employ and
sustain Joint forces across the entire
spectrum of military operations*



What's Important:

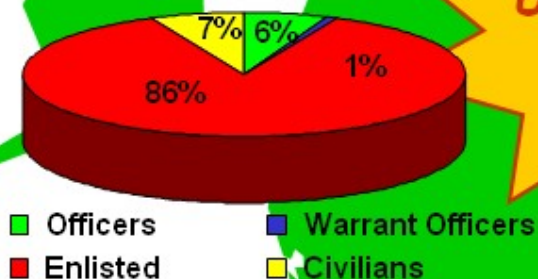


- ☐ **Supporting Soldiers in the fight and their Families**
- ☐ **Retention and Accession of quality Soldiers, Civilians and Leaders**
- ☐ **Divisional Movement Control Teams**
- ☐ **Improve Training (Quality and Efficiency)**
- ☐ **Transportation Automation**
- ☐ **BRAC/Joint Basing and Sustainment Center of Excellence**
- ☐ **Partnerships**
- ☐ **Watercraft Joint Capabilities Integration Development System**
- ☐ **Warrior Transition Units**

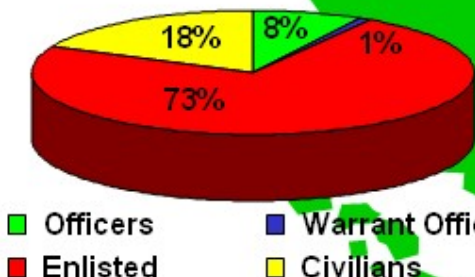
What We Look Like Today...



OUR FORCE

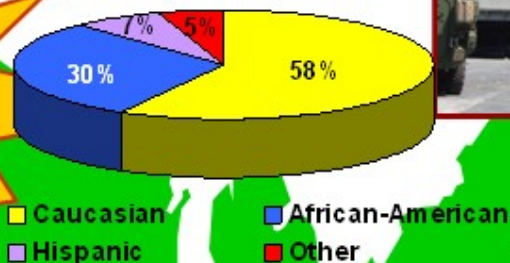


ARMY FORCE

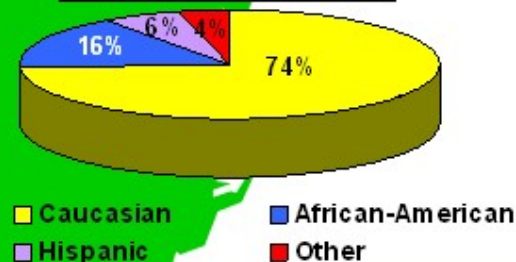


Authorizations
Corps: 65,850
USAR/ARNG: 42,253
AC: 23,597

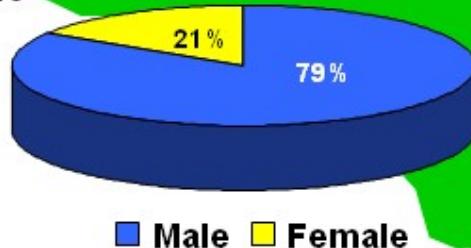
OUR ETHNICITY



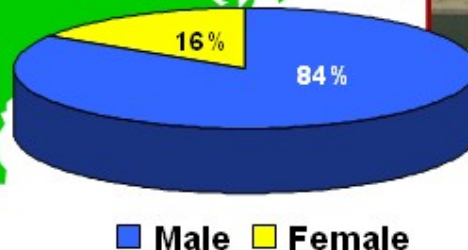
ARMY ETHNICITY



OUR GENDER



ARMY GENDER



35%
of Active
Officers are
Female!

Our Corps reflects our Nation!



Transportation Military Occupational Skills (MOSs) and Specialties: Some Changes Ahead



8 Enlisted MOSs:

88H – Cargo Specialist
88K - Watercraft Operator
88L - Watercraft Engineer
88M - Motor Trans Operator
88N - Trans Management Coordinator
88P - Railway Equip Repair (USAR only)
88T - Railway Section Repairer (USAR only)
88Z - Trans Senior Sergeant

3 Warrant Officer specialties:

880A - Marine Deck Warrant
881A - Marine Engineer Warrant
882A - Mobility Officer

4 Officer Areas of Concentration (AOCs):*

88A - General Transportation
88B - Traffic Management
88C - Marine and Terminal Operations
88D - Motor/Rail Transportation

* All AOCs will convert to AOC 88A (FY08)

**65,850 Total
Authorizations**

A/C/USAR/ARNG:

21,695 / 13,222 / 25,532

Total ENL: 60,449

AC/USAR/ARNG:

277 / 197 / 108

Total WO: 582

A/C/USAR/ARNG

1,625 / 1,933 / 1,260

Total OFF: 4,818



Transportation & Distribution Civilian Occupational Specialties



CAREER FIELD 74

OCCUPATIONAL SERIES

WG-3543	Stevedoring
WG-3546	Railroad Repairing
WG-3820	Shipfitting
WG-4602	Block & Bracing
WG-4716	Railroad Car Repairing
WG-4717	Boat Building & Repairing
WG-5210	Rigging
WG-5334	Marine Machinery Repairing
WG-5424	Weighing Machine Operating
WG-5703	Motor Vehicle Operating
WG-5704	Forklift Operating
WG-5705	Tractor Operating
WG-5725	Crane Operating
WG-5729	Drill Rig Operating
WG-5736	Braking-Switching and Conducting
WG-5737	Locomotive Engineer
WG-5738	Railroad Maint Vehicle Operating
WG-5782	Ship Operating
WG-5784	Riverboat Operating
WG-5786	Small Craft Operating
WG-5788	Deckhand

**4,300 Total
Population**

CAREER FIELD 24

OCCUPATIONAL SERIES

*GS-301	Transportation Administration
*GS-346	Logistics Management
*GS-2101	Transportation Specialist
GS-2102	Transportation Clerk & Assistant
*GS-2130	Traffic Management
GS-2131	Freight Rate
GS-2135	Transportation Loss & Damage Claims Examining
GS-2144	Cargo Scheduling
*GS-2150	Transportation Operations
GS-2151	Dispatching
*GS-2161	Marine Cargo

*Career Program Designation

CAREER FIELD 24 POPULATION: 1,800

CAREER FIELD 74 POPULATION: 2,500



Grow the Army Plan (GTAP)



□ Summary of Changes from initial GTAP Growth:

- MCT (5 to 9), POL (3 to 2), MDM TRK CO (3 to 0), TRK BN HQ (1 to 0), MCB 1 (1 to 0).
- ICTC, FLOAT CO, FLOAT MAINT CO, & JTF-PO no change.
- TJTF-PO (APOD) change from being carried as FY08 wedge for 165 spaces to one 55 Soldier team in FY08, FY09, and FY10 (6 JTF-PO Council of Colonels).

**GTAP = ~8,300 spaces
(all COMPOS)**

□ Summary of GTAP Growth:

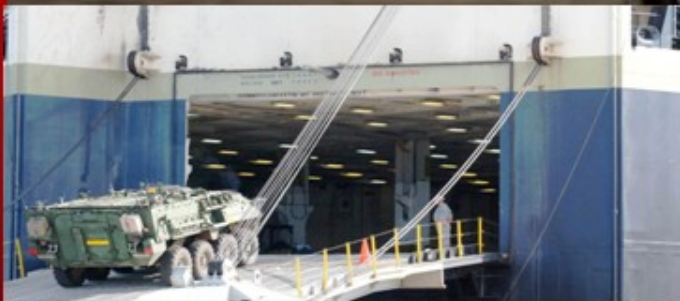
- 2,756 (33%) AC, 5,490 (66%) USAR, 52 (1%) ARNG.
- 4,566 88M spaces - all COMPOS: 1,706 (AC), 2808 (USAR), 53 (ARNG).
- 1,706 AC 88M spaces are achieved via 1,368 AC 88M from 8 cancelled unit inactivations and additional buys of 2 MDM TRK POL companies in FY09 (169 spaces) and FY11 (169 spaces).



Division Transportation Office Initiative



- **Increase in 6 Personnel (8 total per Division)**
 - Added depth and technical expertise (3 CPTs, 1 SGM & 2 Movement Control NCOs)
- **Increase in Capability**
 - Increase movement planning and coordination
 - Improves movement tracking capability
- **DTO staff can be augmented with Movement Control Team based upon METT-TC**
 - Enhanced in-transit visibility, total asset visibility, and personnel depth for managing expanded LOCs in Div AO





The Army Analysis (TAA) Update



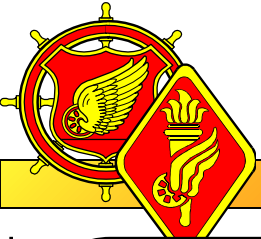
Echelons Above Brigade Rules of Allocation changes for TAA 08-15:

- Two Vehicle Operators per Vehicle
- 2-10 hours shifts versus 1-12 hour



**~23 MDM TRK COs
(Cargo & POL) above the
requirements established in
TAA 08-13 and is additive
to GTAP Growth**





Officer Training



- **Captains Logistics Combined Career Course (CLC3)**
 - ASI 3H and JOPES-centric training
- **DTO Course and Intermediate Level Education (ILE)**
 - ASI 3H and JOPES-centric training





Training and Simulations (1 of 2)



Simulations

- Virtual Combat Convoy
- HMMWV Egress Assistance Trainer
- Full Mission Bridge
- Full Motion Crane
- **MTS Lab**



- **Convoy Live Fire**
- JLOTS
- Cargo Handler/Crane Operator
- Rail Load
- Aircraft Mockups and Air Load planning
- WPS, I-CODES, ALPS, & UMOC training



Training and Simulations (2 of 2)



Convoy Live Fire Exercise



MTS Lab





DA Logistics Intern Program



Now an *integrated* CSS Intern Program

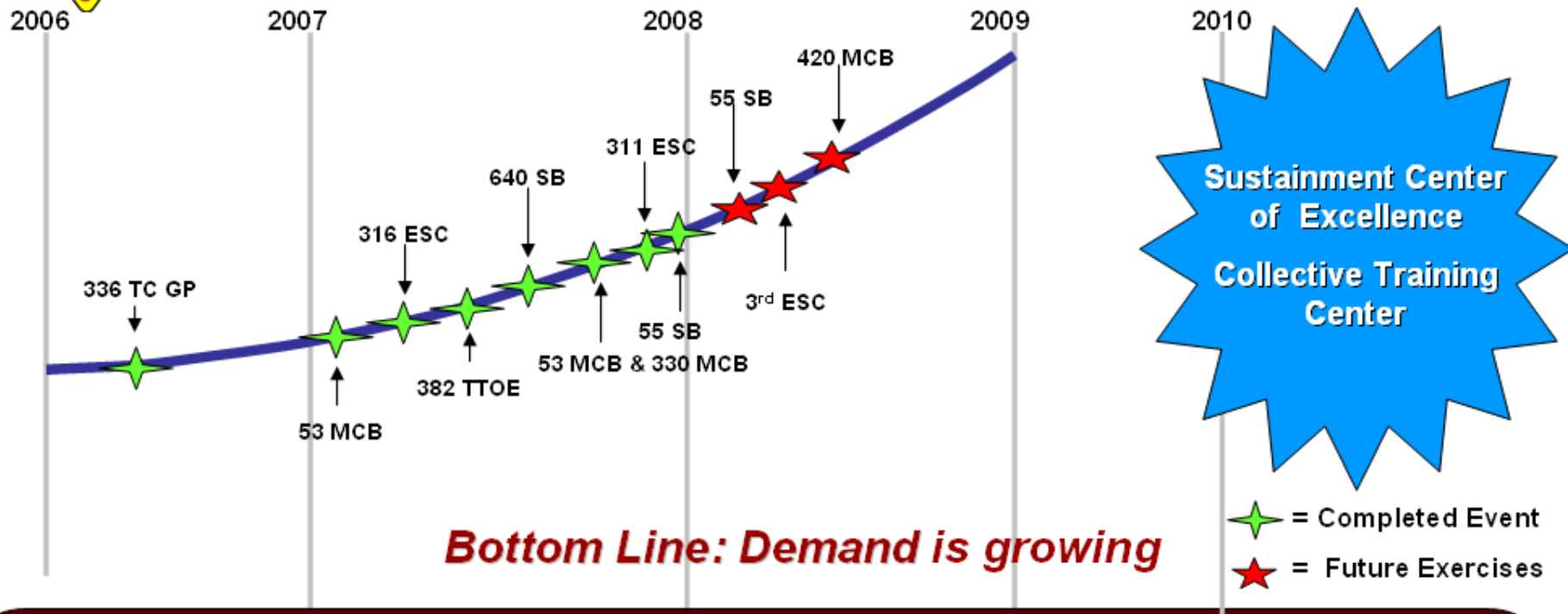


- ◆ Integrated TC and Supply and Materiel Maintenance Programs
- ◆ Develops Multifunctional Leaders with a Basic Supply, Transportation, or Materiel Maintenance Specialty
- ◆ Participation in
 - TC BOLC Phase III
 - QM BOLC Phase III
 - OD BOLC Phase III (Future)
- ◆ Current On-Board 42 + 75 this FY





Unit and Staff Deployment Training



Challenges

Facilities

- Competition between institutional and unit training
- Issue will continue until BCTC is constructed at Ft Lee

Funding

- Funding exercises on a cost reimbursable basis is fiscally inefficient
- Seeking long term support from Joint, Army, and GWOT sources



Joint Light Tactical Vehicle (JLTV)



ACAT 1D
JLTV RFP Posted - 5 Feb 08



FTTS ACTD



USMC CTV Demonstrator

Demonstrators

ACAT - Acquisition Category RFP - Request for Proposal FTTS - Future Tactical Truck System
ACTD - Advanced Concept Technology Demonstration CTV - Combat Tactical Vehicle



Next Generation Line-haul Vehicle



M915-A5

Larger engine – 500hp



Expanded
cab electrical
power

34-inch
extended
cab

Fully integrated armor



Heavy Expanded Mobility Tactical Truck



HEMTT-A4

HEMTT Family
M977, M983, M984

Critical Improvements:

- ◆ Hydraulic spare tire carrier
- ◆ Larger, common cab
- ◆ (LTAS compliant)
- ◆ New powertrain, side-mounted radiators
- ◆ Air ride suspension
- ◆ ABS & Traction control





Family of Medium Tactical Vehicles (FMTV)



Armored Troop Carrier

Continuous
Capability
Improvements



MTTCS



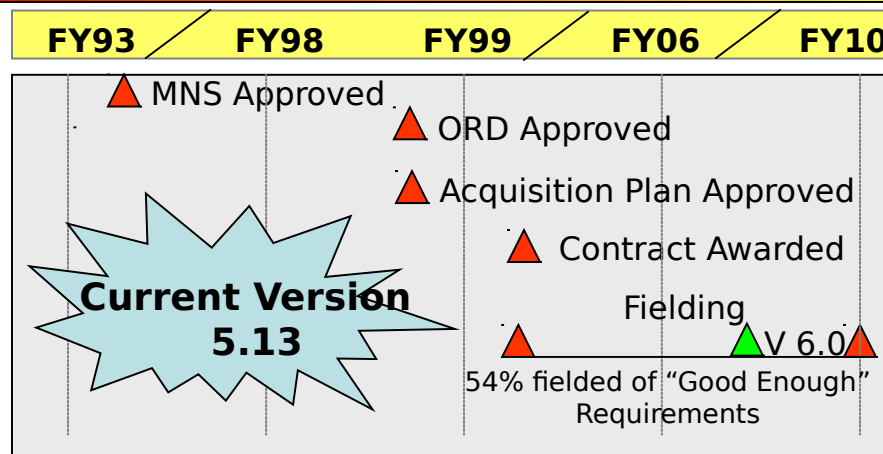
Testing
completed
JAN 08

MTTS

LSAC - Low Signature Armored Cab
MTTCS - Multipurpose Troop Transport Carrier System
MTTS - Medium Troop Transport System



Milestones



System Description

- **Satellite based tracking and communication system; Worldwide coverage, capability to use multiple satellites**
- **Digital mapping, military GPS**
- **Two-way free text messaging**
- **Embedded RFID interrogator providing in-transit visibility of cargo (MTS +)**
- **911 panic button (MTS +)**
- **Interfaces with BCS3, ITV server, & FBCB2 (MTS + & MTS II)**
- **Two models - vehicle mounted & station control station**

Status

- Fielding:** >17,189 total; (w/ 7,154 to CFLCC)
- System currently under 'Good Enough' Fielding limitation of 18,629 vs. the pre-modular Total Army requirement of 43,601 systems
- OEF/OIF Support:**
- 2 main FSR sites in CFLCC - Kuwait & Iraq and 5 forward FSR sites in Iraq .
 - Completed fielding MTS+ software upgrade in AOR April 06. No funds were available to upgrade hardware (Computer & Antenna).
 - Current contract good through FY10.
 - PM is conducting a separately funded fielding to the National Guard under the auspice of Homeland National Security
 - PM will adopt product line software from Joint Battle Command - Platform (JBC-P) O/A FY09



Transportation Coordinators-Automated Information for Movements System II



TC-AIMS II

Block I & II: Unit Deployment

- 70% fielded to AC Units; 33% to Reserve and NG units
- Fielding to Forts Jackson & Bliss now; Hood this summer

Block III: Movement Control and Fleet Management

- Received full fielding release January 2008
- Will start fielding Summer 2008 to CENTCOM / USAREUR

Block IV & V: Theater Distribution Management / Installation Transportation Office

- USAF Cargo Management Operation System (CMOS) in lieu of Block IV and V
- DA G4 has tested the CONOPS for CMOS data exchanges with TC-AIMS II



The Army Uses TC-AIMS II Every Day to Deploy and Redeploy



Army Watercraft: Joint Capabilities Integration Development System





Army Watercraft: JHSV and AWMP Updates

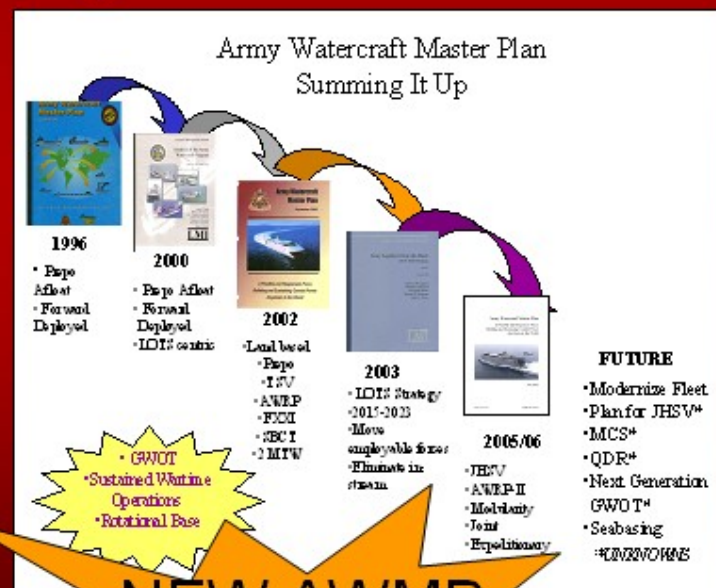


Joint High Speed Vessel - 3 Ship Yards Awarded Contract:

- Bath Iron Works: Bath, Maine: Hull Type: Steel Monohull
- Shipbuilders Austal USA: Mobile, Alabama: Hull Type: Aluminum Catamaran
- Bollinger/INCAT: Lockport, Louisiana: Hull Type: Aluminum Catamaran



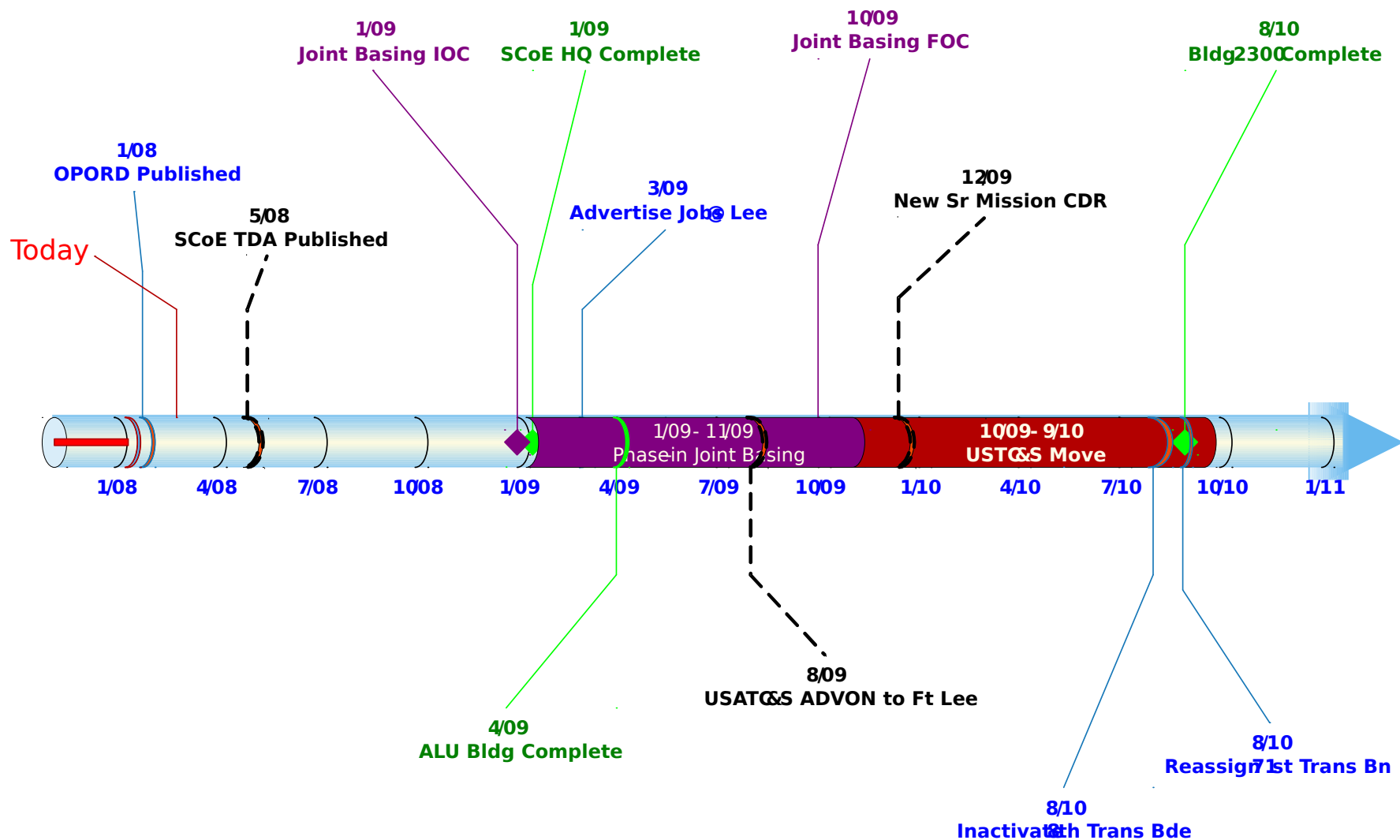
Army Watercraft Master Plans



**NEW AWMP
FEB 08**



USATS&C BRAC Update





VALUES...

OUR ENDURING CONSTANT...

TC SOLDIERS, CIVILIANS AND FAMILIES



EXCELLENCE...



SPIRIT...



WARRIOR ETHOS...



"OUR SOLDIERS ARE OUR CREDENTIALS"